Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 30 Aug 2023 until 23:59 on Thursday 31 Aug 2023

Forecast Issued on Wednesday 30 Aug 2023 at 03:32

Confidence: High confidence for showery conditions on Wednesday, only moderate for the detail of rain and showers on Thursday and Friday.

Headline for Wednesday 30 Aug 2023: Sunny spells and scattered showers.

Mountain weather hazards on Wednesday 30 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Heavy rain showers	Light rain showers	Sunny intervals	Clear night	Partly cloudy (night)
Precipitation probability					
40%	40%	30%	20%	10%	<05%

Forecast for Wednesday 30 Aug 2023

Weather: Some low cloud overnight, with occasional showers. Low cloud lifting and breaking during the morning, with sunny spells developing, but also with further showers developing. Showers could be heavy with a low risk of thunder, mainly during the late morning. Showers then easing through the afternoon, leading to a dry evening.

Chance of cloud-free hill tops above 600m: 60%, becoming 95% by mid-morning.

Low cloud and visibility: Some patches of cloud, base 500-600m, possible during the early hours. This lifting and breaking above the summits during the morning. Generally very good visibilities and excellent air clarity, although locally poor or very poor in early low cloud and brief deteriorations in morning showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 30 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 W	15/21 W	15/21 NW	16/22 NW	11/17 NW	8/12 SW	7/10 SW
300	10/13 W	12/17 W	15/21 NW	13/20 NW	9/16 NW	7/10 SW	4/7 SW
Valley	5/11 W	8/17 W	11/20 NW	9/18 NW	8/17 NW	3/7 SW	2/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	9/6	11/8	12/9	11/8	9/7	9/7
300	10/8	11/9	14/11	14/12	14/12	12/10	10/10
Valley	11/10	12/11	15/13	15/13	14/13	11/11	10/9
Freezing Level*	1800m	1800m	1800m	1900m	1900m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate UV levels are likely in sunnier spells, so sun protection is recommended. That said, it will feel chilly early and late on the highest slopes, especially in the wind.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 30 Aug 2023	0.2mm	0.4mm	0.4mm

Forecast for Thursday 31 Aug 2023

Weather: Cloud thickening through the morning, then lowering into the afternoon with rain likely arriving late afternoon. Rain could be heavy at times, persisting into the evening. Confidence is only moderate in timings, however.

Maximum wind: South-easterly 10-15 mph, gusting 20-25 mph.

Chance of cloud-free hill tops above 600m: 90%, becoming 20% through the afternoon and evening.

Low cloud and visibility: Cloud bases lowering through the afternoon, to become widespread around 400-500m, perhaps with patches down to 200-300m especially on southeast facing slopes. Visibility good for much of the day, but becoming often poor or very poor in rain and low cloud covering the hills by the evening.

Temperature: **Valleys:** Plus 5C becoming plus 18C.
At 600m: Plus 11C.
Freezing level: Above the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.